

475 17^m Street Suite 1500 Denver Colorado 80202 Telephone 303 573-1222 Fax 303 573 0461

December 16, 2005

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Rainbow 11-24-13-26

NWSW Sec 26 T11S-R24E

Uintah County, Utah

Dear Ms. Whitney:

Enclosed are two original applications to drill concerning the abovereferenced proposed well. Enduring has a "blanket" damage/surface use agreement with American Gilsonite. A "blacked out" copy of that agreement is also attached.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian

Landman-Regulatory Specialist

ara Enclosures as stated RECEIVED DEC 2 1 2005

FORM 3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

			5. MINERAL LEASE NO: fee	6. SURFACE: Fee				
1A. TYPE OF W	VORK:	DRILL 🔽	REENTER	DEEPEN			7. IF INDIAN, ALLOTTEE OF	TRIBE NAME:
B. TYPE OF W	VELL: OIL	GAS 🗾	OTHER	SIN	GLE ZONE 🚺 MULTIPLE ZON	Æ□	8. UNIT or CA AGREEMENT	NAME:
2. NAME OF OF							9. WELL NAME and NUMBE	
3. ADDRESS O	Resources,	LLC			Laugustumes		Rainbow 11-24-1	
	St., Ste 150	0. _{CITY} Denve	er erate	CO ZIP 802	PHONE NUMBER: (303) 350-5114	Ī	10. FIELD AND POOL, OR W Undesignated	VILDCAT:
4. LOCATION C	OF WELL (FOOTA						11. QTR/QTR, SECTION, TO	WNSHIP, RANGE,
AT SURFACE	: 1793' FS	L - 697' FWL	653650)X	J7, 630618	i	MERIDIAN: NWSW 26 11	S 24E S
AT PROPOSE	ED PRODUCING 2	ONE:	Same	7UY -	39,830618 109,204499		1100300 20 11	S 24E S
14. DISTANCE	IN MILES AND DI	RECTION FROM NEAR	REST TOWN OR POST	OFFICE:			12. COUNTY:	13. STATE:
20.4 mile	es southwe	st of Bonanza	ı, UT				Uintah	UTAH
15. DISTANCE	TO NEAREST PR	OPERTY OR LEASE L	INE (FEET)	16. NUMBER O	F ACRES IN LEASE:	17. NL	IMBER OF ACRES ASSIGNED	O TO THIS WELL:
697					1341			40 acres
	TO NEAREST WE	LL (DRILLING, COMP	LETED, OR	19. PROPOSED	DEPTH:	20. BC	OND DESCRIPTION:	
n/a non	•	02 (1221)			6,100	RL	.B0008031	
21. ELEVATION	21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 22. APPROXIMATE DATE WORK WILL START: 23.				23. ES	TIMATED DURATION:		
6002'	RT-KB			2/20/200)6 	20	days	
24.			PROPOSEI	D CASING A	ND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZ	E, GRADE, AND WEIG	HT PER FOOT SI	ETTING DEPTH	CEMENT TYPE, QU	ANTITY,	YIELD, AND SLURRY WEIGH	т
20"	14"	line pipe		40	3 yards	Read	y Mix	
11"	8-5/8"	J-55	24#	2,000	Premium Lead	13	8 sxs 3.5	0 11.1
					Premium Tail	13	8 sxs 1.1	5 15.8
7-7/8"	4-1/2"	N-80	11.6#	6,100	Class G	2	1 sxs 3.3	3 11.0
					50/50 Poz Class G	76	60sxs 1.50	6 14.3
	<u> </u>							
25.				ATTA	CHMENTS			
VERIFY THE FO	OLLOWING ARE A	TTACHED IN ACCOR	DANCE WITH THE UTA	AH OIL AND GAS C	ONSERVATION GENERAL RULES:			
✓ WELL F	.				COMPLETE DRILLING PLAN	NNʻ	FIDENTIAL	
_	PLAT OR MAP PRI	EPARED BY LICENSE	D SURVEYOR OR ENG	INEER	COMPLETE DRILLING PLAT	VII	INTIALIAL	•
✓ EVIDEN	NCE OF DIVISION	OF WATER RIGHTS A	APPROVAL FOR USE O	OF WATER	FORM 5, IF OPERATOR IS PE	ERSON O	R COMPANY OTHER THAN T	HE LEASE OWNER
NAME (PLEASE	E PRINT) Alvin	R. (Al) Arlian	7		_{τιτιε} Landman - Re	gulato	ory Specialist	
SIGNATURE _		<u> </u>			DATE 12/16/2005			
(This space for S	tate use only)							
. ,	,		en e	Appro Utah	oved by the Division of		, D-	

(11/2001)

43-047-37566

Oil, Gas and Mining

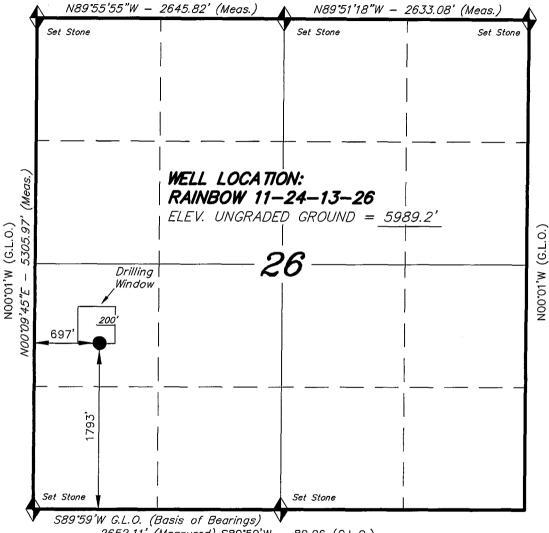
Date: 01

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T11S, R24E, S.L.B.&M.

\$89°57'W - 80.04 (G.L.O.)



2652.11' (Measured) S89'59'W - 80.06 (G.L.O.)

= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (RAINBOW)

RAINBOW 11-24-13-26 (Surface Location) NAD 83 LATITUDE = 39° 49' 50.09" LONGITUDE = 109° 12' 18.83'

ENDURING RESOURCES

WELL LOCATION, RAINBOW 11-24-13-26, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 26, T11S, R24E, S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THATO PREPARED FROM FIELD MADE BY ME OR UNDER ANY THE SAME ARE TRUE AND B MY KNOWLEDGE AND FELIE No.18937

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE DRAWN: 11-23-05	SURVEYED BY: J.H.	SHEET
REVISED:	DRAWN BY: F.J.M.	2
NOTES:	SCALE: 1" = 1000'	OF 9

Enduring Resources, LLC

Rainbow 11-24-13-26 NW/4SW/4 Section 26-T11S-R24E Uintah County, Utah

Lease No. Fee

ONSHORE ORDER 1 - DRILLING PLAN

1. <u>Estimated Tops of Geological Markers:</u>

Formation	Depth (K.B.)
Uinta	Surface
Green River	58'
Wasatch	2335'
Mesaverde	3677'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 6002'	
Oil / Gas	Green River	58'
Oil /Gas	Wasatch	2335'
Oil /Gas	Mesaverde	3677'
	TD	6100'

A 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: <u>Annular Preventer</u>

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At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. **Proposed Casing & Cementing Program:**

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set
					(MD)
20"	14" O.D.			·	40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 6,100' (KB)

Page

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
6100' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/2.00 (d)	7780/2.67(e)	223/3.67(f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaC ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top Job (weight 15.8 ppg, yield 1.15 $\rm ft^3/sx$) cement will be premium cement w/ $\rm 3\%~CaCl_2 + 0.25~pps$ celloflake. Volume as required

<u>Surface Casing (if well will not circulate)</u> - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft³/sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT.	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT	YIELD (ft ³ /sx)
		of FILL			(70)	(ppg)	(11.75%)
4-1/2"	Lead	219	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	21	25	11.0	3.3
4-1/2"	Tail	4165	50/50 POZ Class G + 2% gel +1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	760	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. **Drilling Fluids (mud) Program:**

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-6100' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. **Evaluation Program:**

Tests:

No tests are currently planned.

Coring:

No cores are currently planned.

Samples:

No sampling is currently planned.

Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
 TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H_2S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 3,172 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 1,830 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. Anticipated Starting Dates:

• Anticipated Commencement Date- Within one year of APD issue.

Drilling Days Approximately 10 days

• Completion Days - Approximately 10 days

• Anticipate location construction within 30 days of permit issue.

9. Variances:

None anticipated

10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

Directions to the Rainbow 11-24-13-26 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 11.0 miles where there is a turn-off to the right. Turn right, leaving state highway 45, and proceed westerly for approximately 1.9 miles where the road forks. Keep to the left and bear southwesterly for approximately 4.9 miles where the road forks again. Turn left and proceed southwest for approximately 0.7 miles. Thence, continue southwesterly on the same road for approximately 1.9 miles. Thence, turn left onto proposed access. Follow said proposed access southeast approximately 1,860' (about 0.35 miles) to the proposed Rainbow 11-2413-26 Well Pad.

Directions to the Rainbow 11-24-13-26 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 11.0 miles where there is a turn-off to the right. Turn right, leaving state highway 45, and proceed westerly for approximately 1.9 miles where the road forks. Keep to the left and bear southwesterly for approximately 4.9 miles where the road forks again. Turn left and proceed southwest for approximately 0.7 miles. Thence, continue southwesterly on the same road for approximately 1.9 miles. Thence, turn left onto proposed access. Follow said proposed access southeast approximately 1,860' (about 0.35 miles) to the proposed Rainbow 11-24-13-26 Well Pad.

Enduring Resources, LLC

Rainbow 11-24-13-26 NW/4SW/4 Section 26-T11S-R24E Uintah County, Utah

Lease No. Fee

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the Rainbow 11-24-13-26 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 11.0 miles where there is a turn-off to the right. Turn right, leaving state highway 45, and proceed westerly for approximately 1.9 miles where the road forks. Keep to the left and bear southwesterly for approximately 4.9 miles where the road forks again. Turn left and proceed southwest for approximately 0.7 miles. Thence, continue southwesterly on the same road for approximately 1.9 miles. Thence, turn left onto proposed access. Follow said proposed access southeast approximately 1,860' (about 0.35 miles) to proposed Rainbow 11-24-13-26 well pad.

Total distance from Bonanza, Utah to the proposed well location is approximately 20.4 miles in a southwesterly direction.

2. Planned Access Roads:

The proposed access road will be approximately 905 feet of new construction (ON-LEASE) and 955 feet of new construction (OFF-LEASE). The balance of the access is on an existing road (Kings Wells Road, County Road 4190) and will not have to be improved. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Page

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. <u>Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):</u>

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

a. None: Water Wells: (1) one BLM stock water dam

(WRNUM: 49-336)

b. None: Injection Wells:

c. None: Producing Wells:

d. None: Drilling Wells:

e. None: Shut-in Wells:

f. None: Temporarily Abandoned Wells:

g. None: Disposal Wells:

h. None: Abandoned Wells:

i. None: Dry Holes:

j. None: Observation Wells:

k. One: Pending (staked) Wells:

i. Thimble Rock Fed E26-4 Abandoned Location

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

Rainbow 11-24-13-26

fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Desert Tan. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline:

ON-LEASE

905' American Gilsonite

OFF-LEASE

955' BLM

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 1860eet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- a. ON-LEASE approximately 905' and
- b. OFF-LEASE approximately 955'

of 6 inch or less diameter steel, unpainted, welded gas gathering line is proposed.

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road, and tie-in directly to an existing pipeline next to (Kings Wells Road, County Road 4190) The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. <u>Location and Type of Water Supply:</u>

Water will be obtained from the White River by Tu and Frum, Inc. Water User Claim #49-2185, Application #T75517, or by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6 **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized fro location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained. fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig

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availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the BLM and American Gilsonite

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite:

American Gilsonite

Access:

Bureau of Land Management and American Gilsonite

Pipeline:

Bureau of Land management and American Gilsonite

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

On-site with DOG&M pending APD being submitted.

Special Conditions of Approval:

None.

Archeology:

a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

-8-

13, Lessee's or Operator's Representatives:

Representatives:

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461

aarlian@enduringresources.com

Frank Hutto
Vice President – Operations
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5102

Office Tel: 303-573-5102 Fax Tel: 303-573-0461

fhutto@enduringresources.com

Exhibit "C"

RIGHT-OF-WAY and SURFACE DAMAGE AGREEMENT

THIS AGREEMENT is made and entered into by and between, AMERICAN GILSONITE COMPANY, (hereinafter referred to as "Grantor") and ENDURING RESOURCE LLC (hereinafter referred to as "Grantee") effective My 28, 2005	S
WHEREAS, Grantor is the surface owner of quarter Section Township South, Range East, Uintah County, Utah (hereinafter referred to as the "Land(s)").	
WHEREAS, Grantee desires to enter onto and cross such Lands for the purpose of drilling an exploratory oil and/or gas well, [Well Name] ("Well"), located in thequarter of thequarter, Section Township South, Range East, Uintah County, Utah (hereinafter referred to as the "Drillsite").	
NOW THEREFORE, for and in consideration of the mutual promises and covenants nerein contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:	h
I. Grantee shall pay Grantor the sum of \$ up front payment for damages to surface of the Lands for road access to the Drillsite and for the Drillsite for the drilling of the Well. Within sixty days of completion of the Well either as a producer or a plugged and abandoned well, Grantee shall survey the new access road and the Drillsite to compensate Grantor for any additional damage that may have occurred during drilling and completion operations. Compensation will be on a \$ per acre cost for any damages exceeding 4.0 acres and such compensation, if due, will be paid within thirty (30) days of the surveyor's report being released. Grantee shall utilize existing access routes to the maximum extent feasible, so as to minimize surface disturbances for access to facilities.	e n
II. Grantee and their assigns or agents shall have the right to use a reasonable amount of access road across the Lands and shall have the right to move derricks, drilling tools, vehicles, and all other machinery and equipment necessary or incident to the re-drilling, drilling, testing completion, operation of the Well. Such activity shall be restricted to existing public roads or access roads covered by this agreement. Any roads or surface facilities may be relocated at Grantor's expense if needed due to gilsonite mining or processing in the future.	
III. This Agreement and the rights granted herein are effective and shall continue in full force and effect so long as operations are conducted on the Well. Upon execution of this Agreement, all payments due hereunder shall be paid concurrently. Operations are defined under terms of the oil and gas lease with Grantor, and under the Rules and Regulations defined by the State of Utah.	**
IV. Cattle guards of gates will be constructed, if requested by Grantor, at all places where the	

when opened for passage of traffic. Also, gates shall be installed to limit access to

openings go through the existing fences and gates will be kept closed at all times except

producing wells on roads constructed by Grantee if by mutual agreement between Grantee and Grantor.

- V. If there is any fill used for roads constructed across any drainage, then culverts will be used for the free flow of water through said drainage.
- VI. If the access road departs from existing established roadways and new construction is required, topsoil will be segregated and stockpiled for replacement during reclamation activities.
- VII. It is understood that any road constructed across the said Lands shall not exceed 30 feet in total width, including the total disturbed area between the outside of each berm, without the prior approval of Grantor.
- VIII. Upon completion of the Well as a dry hole and the subsequent abandonment thereof, and at the request of the Grantor, any drill pads and newly constructed road will be restored and seeded within 180 days to the condition it was in prior to commencement of operations insofar as reasonably possible. Any preexisting roads, and the improvements thereto, which are constructed by Grantee, shall be left in a good and useable condition for the continued use by Grantor. Reclaimed areas will be reseeded with a wildlife mixture approved by the Utah Division of Wildlife.
- IX. In the event that the Well is completed as a producer of oil and/or gas, Grantee shall build and maintain a permanent access road in conformance with the already established county road including any variances granted by the county by existing roads to the Drillsite. Disturbed areas not used for production will be re-graded and seeded with an approved wildlife seed mix within 90 days unless prohibited by weather.
- X. Upon completion of the Well as a well capable of oil and/or gas production, this Agreement shall continue in full force and effect and Grantee shall pay in advance to Grantor an annual access rental of _____ dollars, \$____ per pad and \$____ per acre of roadway (30-foot width), or a minimum of \$____ to include the pad and roadway for each well, whichever is greater, on or before January 31st of each year thereafter until the subject well is plugged and abandoned and operations cease thereon.
- XI. It is expressly understood that the settlement amounts in paragraph I are only for construction of a road and drilling location and is not a settlement for any damages to contiguous property, personal property of the Grantor or a release of any personal injuries that may be sustained by reason of the operations carried on by Grantee or its agents.
- XII. This Agreement does not cover pipeline easements and Grantee acknowledges that it must secure a separate agreement prior to laying pipeline related to production of gas or oil on Grantor's lands.
- XIII. This Agreement shall not be assigned, nor the rights of Grantee hereunder transferred in any manner without the prior written consent of Grantor, which consent shall not be

unreasonably withheld.

- XIV. Grantee shall comply at its own expense with the Workman's Compensation Law of the State of Utah and shall maintain such insurance throughout the duration of this Agreement, and shall furnish Grantor prior to beginning work on the Lands evidence of such insurance and at each policy period thereafter renewal evidence that such insurance is being maintained. Grantee, with respect to its operation in connection with this Agreement, shall also purchase or provide for (1) comprehensive general public liability insurance with a combined single limit not less than One Million Dollars (\$1,000,000) for bodily injury and property damage; and (ii) automobile insurance with a combined single limit of not less than One Million Dollars (\$1,000,000) for bodily injury or property damage. At Grantor's request, Grantee shall furnish Grantor with a certificate or certificates of insurance secured and maintained hereunder and Grantor shall be an additional insured thereon.
- XV. In the event any person or entity (including Grantor) suffers a loss of any kind or character, or death or injury, (1) as a result of a breach of this Agreement by Grantee, or its agents, contractors, or employees, or (2) as a result of Grantee or its agents, contractors or employees performing on the Drillsite or elsewhere, any action, directly or indirectly, in furtherance of a right hereunder, or (3) from any cause whatsoever while being on the Lands and the Drillsite to conduct any work or service for Grantee shall reimburse, indemnify, defend and hold harmless Grantor for any and all losses, costs, claims, liability, litigation, demands, damages and expenses (including all attorney fees) of every kind or character which Grantor may suffer or be subject to as a result of said loss or injury whether or not such losses, costs, claims, liabilities, litigation, demands, damages, and expenses (including all attorney fees) result from the condition of Grantor's premises or facilities, unless through the sole negligence of Grantor or its agents.
- XVI. Grantee shall provide Grantor with not less than forty-eight (48) hours advance notice, either by phone or in person, of Grantee's intent to enter upon the Land for the purpose of commencing operations thereon. Grantee shall conduct its operations in such a manner as to use no more Land than is reasonably necessary and shall use all reasonable efforts not to interfere with the use of the Land by any grazing permitees. All drilling fluid pits shall be fenced within ten days of end of drilling the Well as a producer or dry hole and then the pits will be reclaimed and reseeded within 180 days of the completion of the well as a producer or a dry hole. Surface structures shall be fenced, if they represent a potential hazard to livestock, by mutual agreement between Grantor and Grantee. The type of fencing to be mutually agreed upon by Grantor and Grantee. Grantee will have ten days to effect repairs or problems with fences when notified by e-mail or in writing by Grantee. Grantor can request an extension of the closure of pits beyond the 180 days from the completion of the Well if closing the pits represents a potential hazard or closing the pits at that time will not comply with the State of Utah's reclamation requirements. An extension will not be unreasonably withheld.
- XVII. Grantee shall have the right at any time, and from time to time, to remove any or all property, fixtures, equipment and materials, placed by Grantee on the Land, including the right to draw and remove casing. Within 90 days after plugging of the Well this

agreement will expire and Grantee shall remove all remaining property, fixtures, equipment and materials that were placed by Grantee on the Land. Such removal shall be accomplished at Grantee's sole cost, risk and expense. If such items are not removed within 90 days, Grantor shall have the right to remove those items from the Land and bill the associated cost for such removal to Grantee.

- XVIII. This agreement restricts the Grantee's use of Grantor's lands to the sole purpose of exploration and production of oil and/or gas at this specific site. It does not grant Grantee, its contractors, or its agents the right to use the Grantor's property for any other purpose.
 - XIX. All operations of Grantee hereunder which involve drilling for and producing of oil and gas, or both, or the cessation, or abandonment, of its operations shall be conducted in a good and workmanlike manner and in accordance with standard oil field practices and in accordance with all applicable federal, state and local statutes and regulations including specifically, but not by way of limitation, such laws and regulations governing the operation, maintenance and reclamation of well sites, pipelines, tank batteries, and other related facilities as may be utilized by Grantee and its operations hereunder. Grantee shall further adhere to and abide by all federal, state and local environment statutes and regulations addressing air, water, and solid waste pollution and the handling storage. storage, use and disposal of hazardous substances as prescribed in the Comprehensive Environmental Response, Compensation and Liability Act of 1986, 42 U.S.C. & 9601, et seq. (CERCLA). Grantee shall provide Grantor with copies of all applications for environment laws, governmental requests for any information pertaining to environmental issues relating to the Land or products produced therefrom or Grantee's use thereof, copies of any responses from Grantee's to said requests, and any environmental investigations, reports, or studies involving the Land or products produced therefrom or the use thereof by Grantee which from time to time, may be obtained from Grantee.
 - XX. Grantee also agrees to abide by the laws of regulations of the State of Utah designed to protect gilsonite deposits, including but not limited to those specific rules set forth in the General Rules and Regulations of the Utah Board of Oil, Gas and Mining, as amended, pertaining to such matters.
- XXI. The provisions hereof shall be considered as covenants running with the Land during the life of the Agreement and all modifications thereof, and any assignment of the Agreement shall be subject to the provisions thereof.
- XXII. This Agreement shall not be terminated in whole or in part, nor Grantee held liable for damages, because of a temporary cessation of production or of drilling operations due to breakdown of equipment or due to the repairing of a well or wells or because of failure to comply with any of the express provisions or implied covenants of this Agreement if such failure is the result of the exercise of governmental authority, war, armed hostilities, act of God, strike, civil disturbance, fire, explosion, flood or any other cause, including lack of market, beyond the control of Grantee.

XXIII. Any controversy or claim, whether based in contract, tort or otherwise, arising in any way out of, relating to or in connection with this Agreement (a "Dispute") shall be finally settled by arbitration conducted expeditiously in accordance with the Commercial Arbitration Rules (the "Rules") of the American Arbitration Association (the "AAA"). In the event of a conflict between this Article and the Rules, this Article shall govern. The attorney/client and work product privileges will be honored in the arbitration as though the case were being determined in a Utah state court. The arbitration shall be conducted before one independent and impartial arbitrator selected by the AAA pursuant to the Rules. The arbitration shall be governed by the United States Arbitration Act, 9 U.S.C. § 1-16, to the exclusion of any provision of Texas law inconsistent therewith and which would produce a different result, and judgment upon the award rendered by the arbitrator may be entered by any court having jurisdiction thereof. The place of arbitration shall be Salt Lake City, Utah, and the cost of the arbitration proceeding shall be borne equally by the parties to this agreement and each party shall bear its own attorney's fees, and other expenses, provided that the arbitrator may award attorney fees. filing fees and costs to the prevailing party as the arbitrator deems reasonable and fair. The arbitrators shall determine the claims of the parties and render their final award in accordance with the substantive law of the State of Utah exclusive of its conflict of law rules. The limitations on any actions will be determined under Utah law. The arbitrator shall permit and facilitate such discovery as the arbitrator determines is appropriate in the circumstances, taking into account the needs of the parties and the desirability of making discovery expeditious and cost-effective. The arbitrator shall actively manage the proceedings as the arbitrator deems best so as to make the proceedings fair, expeditious. economical, and less burdensome than litigation. The procedures specified in this section shall be the exclusive means of resolution of Disputes between the parties, provided that either party may seek injunctive action before a court of competent jurisdiction to prevent the occurrence of irreparable harm pending resolution of a Dispute pursuant to the provisions of this section.

XXIV. This Agreement constitutes the entire Agreement between the parties hereto as to the subject matters herein set forth and supersedes all prior written or oral agreements relative thereto. No change, modification, alteration or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.

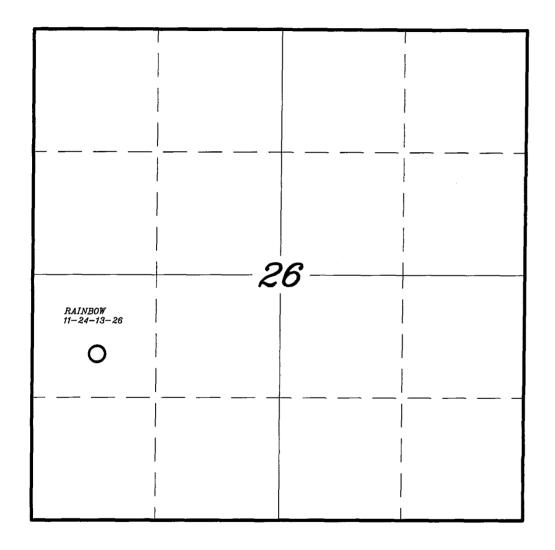
AMERICAN GILSONITE COMPANY, Grantor

By:

ENDURING RESOURCES LLC, Grantee

By:

T11S, R24E, S.L.B.&M.



ENDURING RESOURCES

SECTION DRILLING MAP
RAINBOW 11-24-13-26



LEGEND

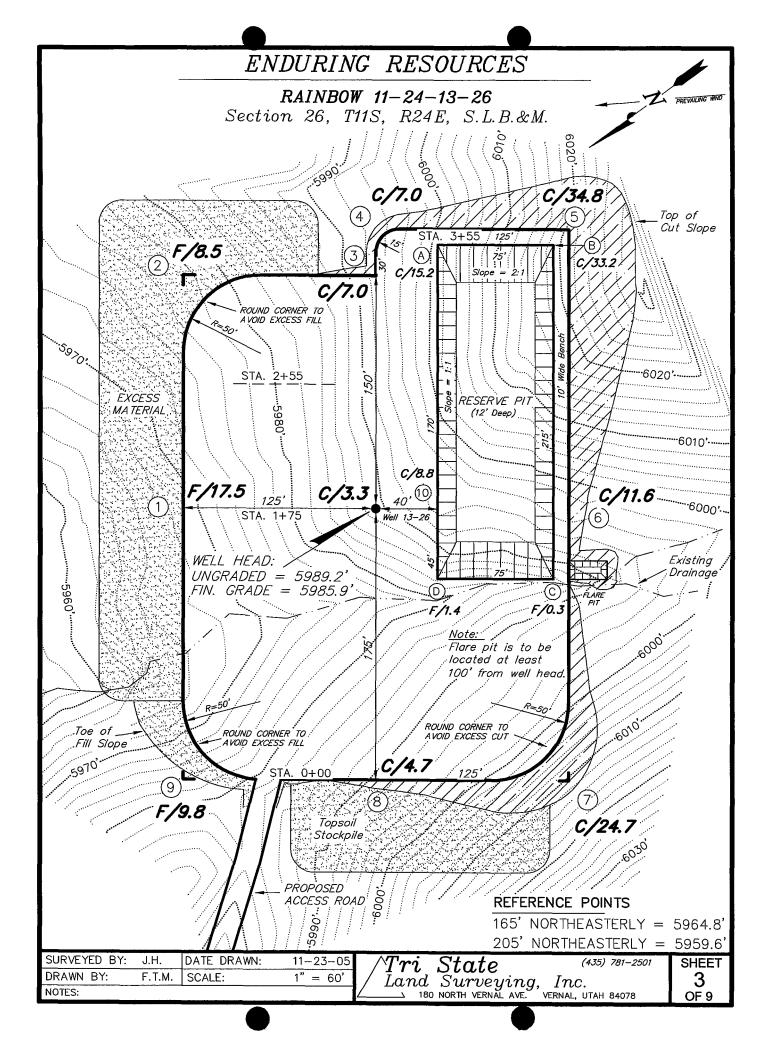
O = Vertical Well

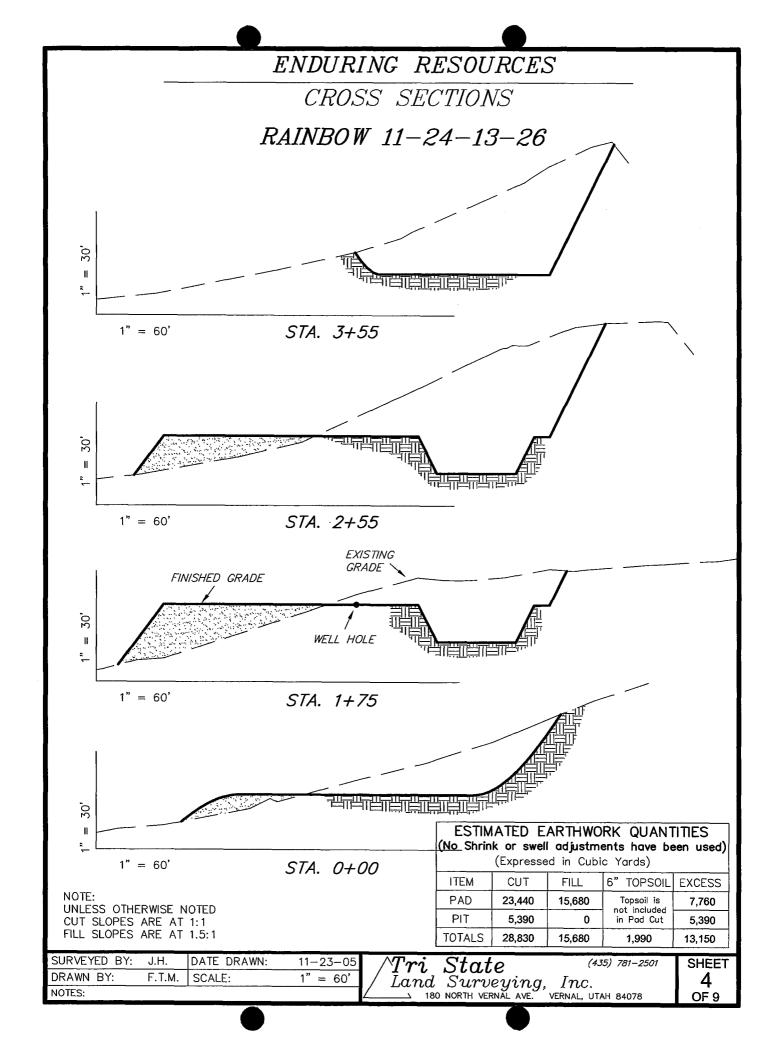
= Directional Well (Bottom Hole)

TRI STATE LAND SURVEYING & CONSULTING

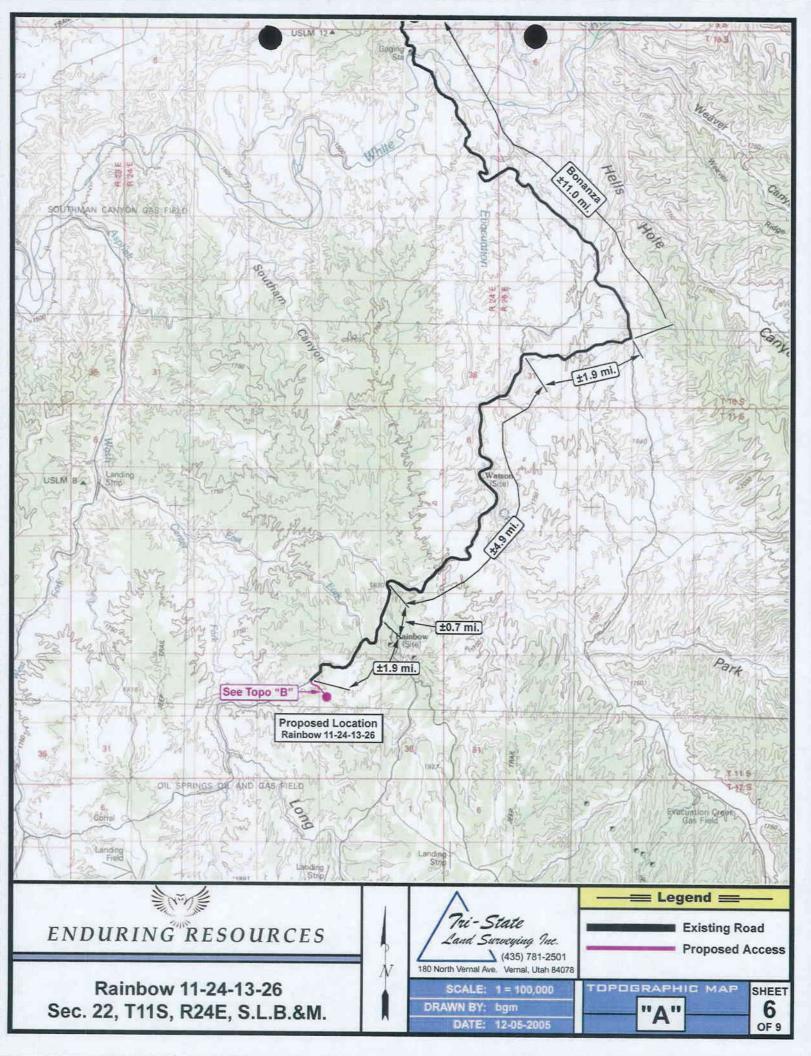
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

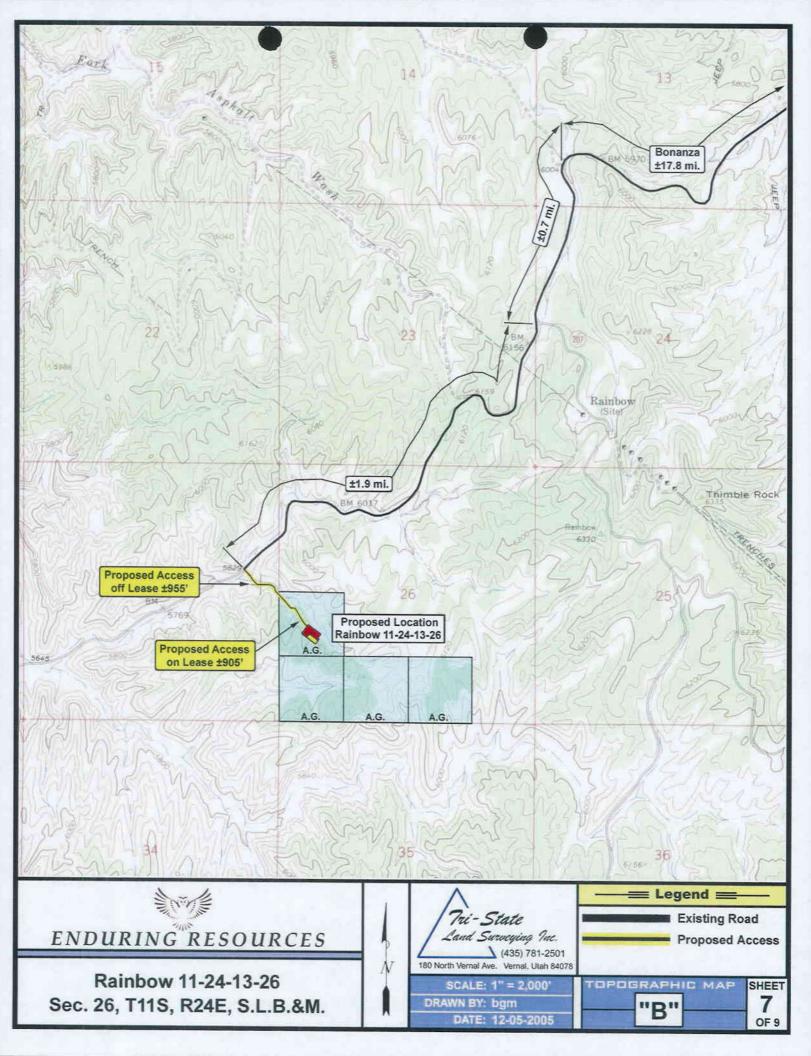
DATE DRAWN: 11-23-05	SURVEYED BY: J.H.	SHEET
REVISED:	DRAWN BY: F.T.M.	1
NOTES:	SCALE: 1" = 1000'	OF 9

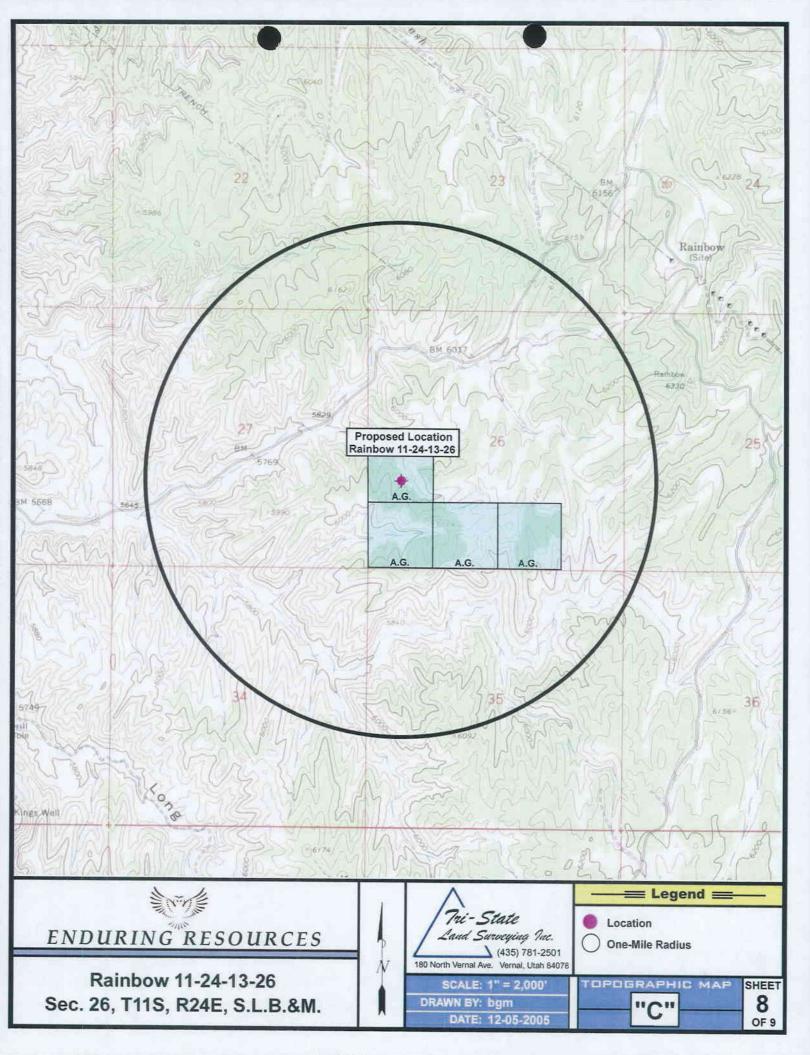


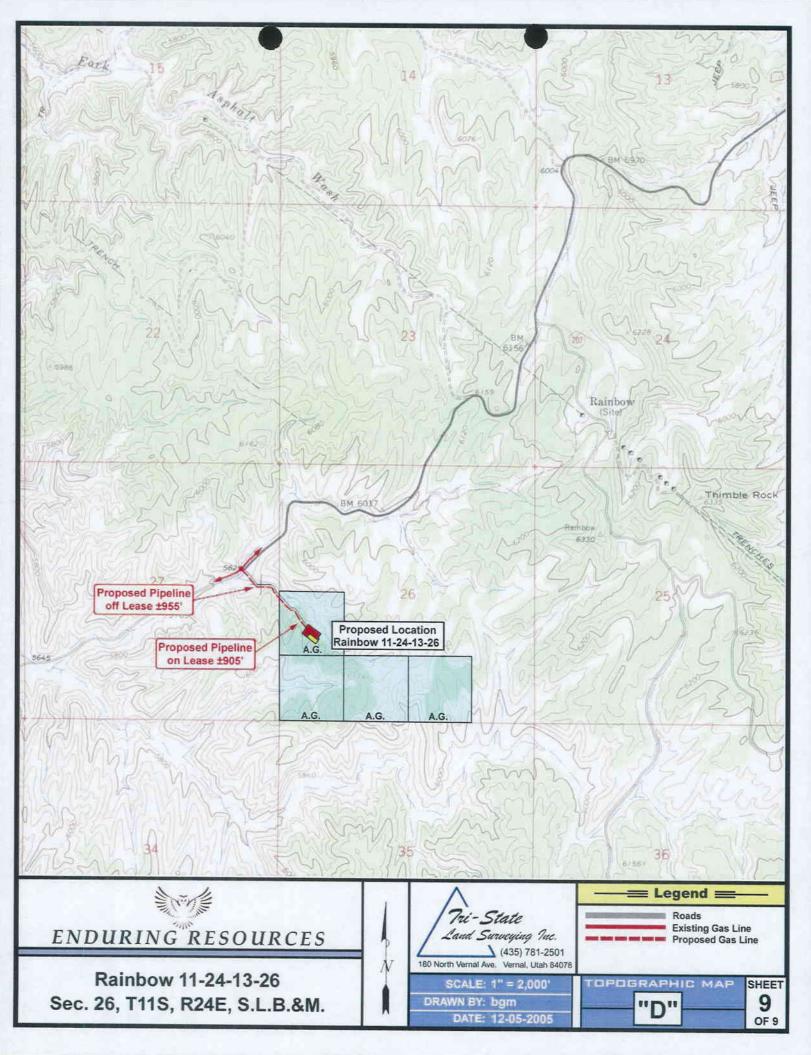


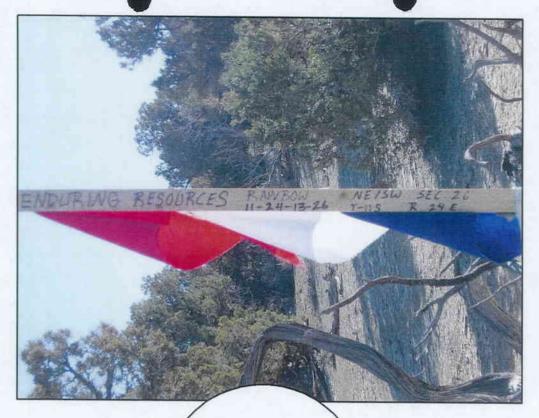
ENDURING RESOURCES TYPICAL RIG LAYOUT RAINBOW 11-24-13-26 125 TRASH RESERVE PIT (12' Deep) FUEL TOOLS POWER ☐ TOILET HOPPER TRAILERS PUMP MU 125' DOG HOUSE PIPE RACKS Flare pit is to be located at least 100' from well head. PROPOSED ACCESS ROAD Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 SURVEYED BY: J.H. DATE DRAWN: 11-23-05 (435) 781-2501 SHEET DRAWN BY: F.T.M. SCALE: 1" = 60' 5 NOTES: OF 9











CENTER STAKE

ENDURING RESOURCES

Rainbow 11-24-13-26

Date Photographed: 11/23/2005

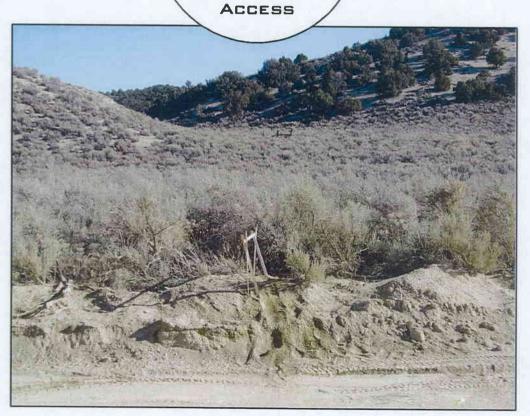
Date Drawn: 12/05/2005

Drawn By: bgm

LOOKING SOUTHERLY

Tri-State Land Surveying Inc.

(435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078





NORTH

ENDURING RESOURCES

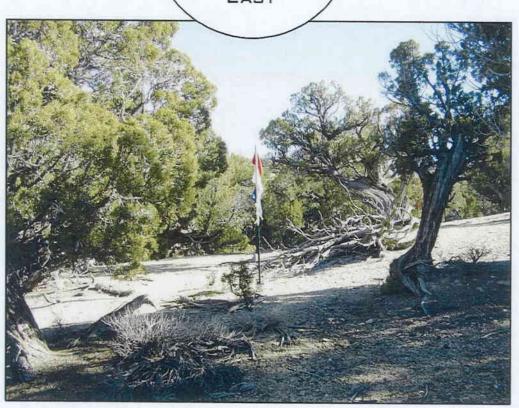
Rainbow 11-24-13-26

Date Photographed: 11/23/2005

Date Drawn: 12/05/2005 Drawn By: bgm

Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078

EAST





SOUTH

ENDURING RESOURCES

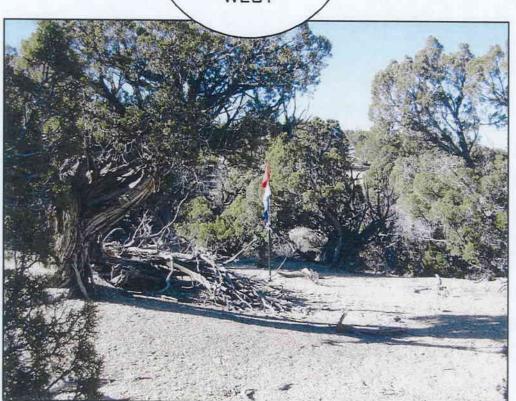
Rainbow 11-24-13-26

Date Photographed: 11/23/2005

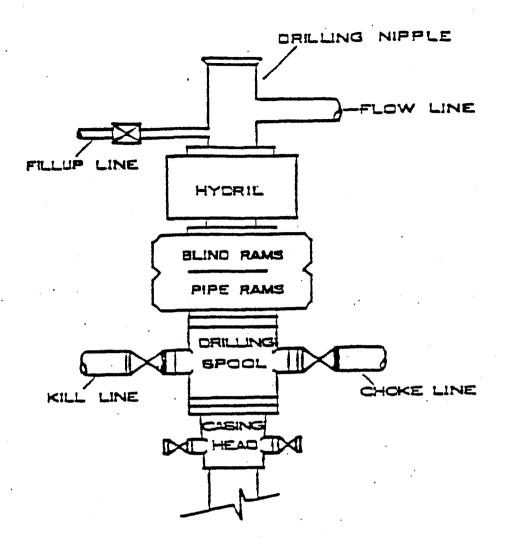
Date Drawn: 12/05/2005 Drawn By: bgm

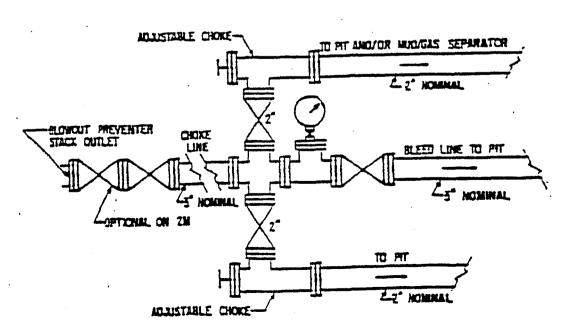
7ri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078

WEST

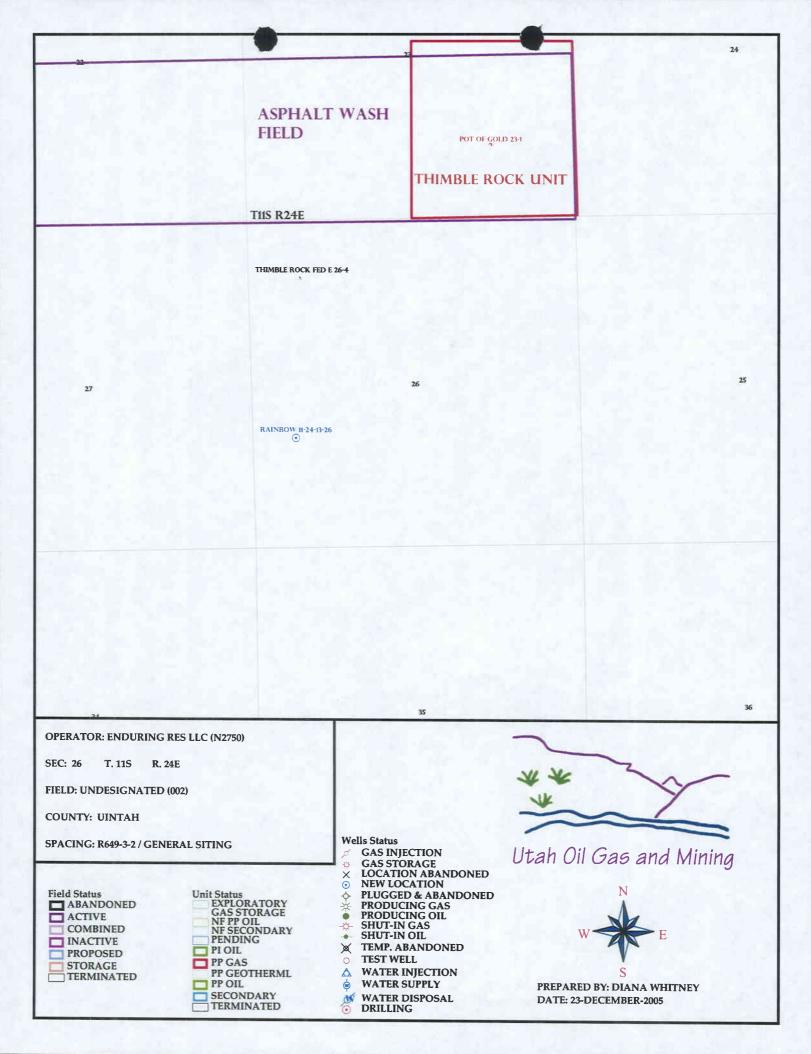


EOP STACK





APD RECEIVED: 12/21/2005	API NO. ASSIGNED: 43-047-37566				
WELL NAME: RAINBOW 11-24-13-26 OPERATOR: ENDURING RESOURCES, LLC (N2750) CONTACT: AL ARLIAN	PHONE NUMBER: 3	03-350-5114			
PROPOSED LOCATION: NWSW 26 110S 240E	INSPECT LOCATN BY: / /				
SURFACE: 1793 FSL 0697 FWL BOTTOM: 1793 FSL 0697 FWL UINTAH UNDESIGNATED (2)	Tech Review	Initials	Date		
	Engineering	DRD	1/30/06		
	Geology				
LEASE TYPE: 4 - Fee LEASE NUMBER: FEE	Surface				
SURFACE OWNER: 4 - Fee PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO	LATITUDE: 39.83062 LONGITUDE: -109.2045				
Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. RLB0008031) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill				
COMMENTS: Meds Presis (01-17-06)					
STIPULATIONS: 1- Spacing Stip 2- STATEMENT OF BASIS					
3- Sistan C29	Cont St.D				



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	ENDURING RESOURCES, LLC.
WELL NAME & NUMBE	R: RAINBOW 11-24-13-26
API NUMBER:	43-047-37566
LOCATION: 1/4,1/4 <u>NWS</u>	W Sec: 26 TWP: 11S RNG: 24E 1793' FSL 697' FWL
Geology/Ground Water: Enduring proposes to set 2, saline water is estimated at within a 10,000 foot radius of Uinta/Green River Formation	000 feet of surface casing cemented to the surface. The base of the moderately 5,500 feet. A search of Division of Water Rights records shows no water wells of the proposed location. The surface formation at this location is in the n transition. The Uinta Formation is made up of discontinuous sands interbedded
interbedded limestones, shall	cted to produce prolific aquifers. The Green River Formation is made up of es and sandstones. Fresh water aquifers can be found in the Green River
Formation and should be pro-	otected. The proposed surface casing should adequately protect any potentially
useable aquifers.	
Reviewer:	Brad Hill
Surface:	
minerals owned by American	f the surface was performed on 01/17/2006. This site is on fee surface, with fee Gilsonite. Jared Jackson, American Gilsonite senior engineer, was present during this neems with drilling in this location and also stated that all necessary agreements with
Reviewer: <u>F</u>	Cichard Powell Date: 01/17/2006

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: ENDURING RESOURCES, LLC

WELL NAME & NUMBER: RAINBOW 11-24-13-26

API NUMBER: 43-047-37566

LEASE: FEE FIELD/UNIT: UNDESIGNATED

LOCATION: 1/4,1/4 NWSW Sec: 26 TWP: 11S RNG: 24E 1793' FSL 697' FWL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): 4410300Y 0653647X SURFACE OWNER: AMERICAN GILSONITE.

PARTICIPANTS

Richard Powell (DOGM), Doug Hammond (Enduring Resources), Larry Rowell (Ponderosa Oilfield Service), Jared Jackson (American Gilsonite).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Location is set on the south side of a small canyon. The bottom of the canyon is sage brush covered while the steeper canyon slopes are dominated by thick Pinion and Juniper. Hills and ridges dominate the terrain with rock formations protruding from some of the slopes at the same approximate elevation as the well stake. Bonanza, UT is approximately 20 miles to the north.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife grazing, area formerly used for Gilsonite mining.

PROPOSED SURFACE DISTURBANCE: Location will be 325' by 250'. Proposed new access road to be approximately 1,860'. Proposed access off American Gilsonite lease +/- 955', proposed access on lease +/- 905'.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: See attached map from $\overline{\text{GIS database}}$.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: Al construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OF CONCERNS? (EXPLAIN): Unlikely.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage

tanks. Portable toilets, sewage holding tanks, and onsite sewage treatment equipment will be handled by commercial contractors and regulated by the appropriate health authority. Trash will be contained in trash baskets and disposed of at an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: none

FLORA/FAUNA: Pinion, Juniper, Sagebrush, Brigham tea / Deer, Elk, Rodents, Raptors, Coyote, Songbirds, Rabbit, Bobcat, Pronghorn, Cougar.

SOIL TYPE AND CHARACTERISTICS: Light brown silty clay with scattered rock and shale.

EROSION/SEDIMENTATION/STABILITY: <u>Very little natural erosion</u>. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems.

PALEONTOLOGICAL POTENTIAL: None observed

RESERVE PIT

CHARACTERISTICS: 215' BY 75' and twelve feet deep.

LINER REQUIREMENTS (Site Ranking Form attached): A liner and felt subliner will be required for reserve pit. Site ranking score is 25.

SURFACE RESTORATION/RECLAMATION PLAN

As per agreement with American Gilsonite.

SURFACE AGREEMENT: With American Gilsonite.

CULTURAL RESOURCES/ARCHAEOLOGY: Archaeology study done by Montgomery.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS

Photos of this site were taken and placed on file.

RICHARD POWELL
DOGM REPRESENTATIVE

01/17/06 12:30 PM DATE/TIME

Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

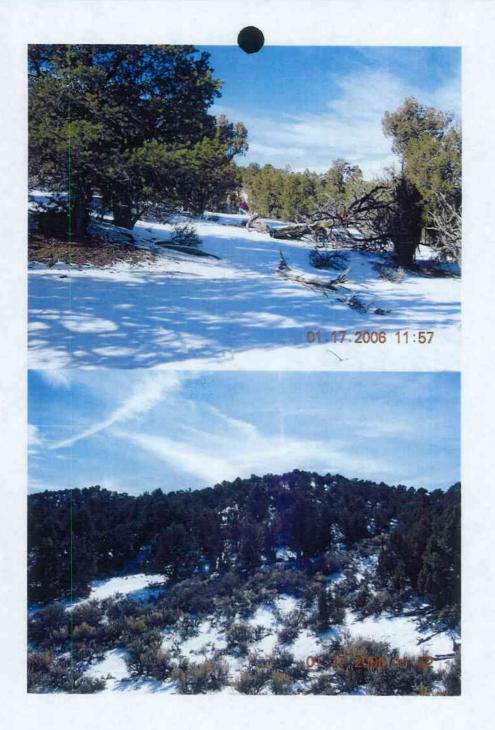
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200 100 to 200	0	
75 to 100	5 10	
25 to 75 <25 or recharge area	15	
	20	0
Distance to Surf. Water (feet) >1000	0	
300 to 1000	2	
200 to 300 100 to 200	10 15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280 1320 to 5280	0 5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet) >1320	•	
300 to 1320	0 10	
<300	20	0
Native Soil Type		
Low permeability Mod. permeability	0 10	
High permeability	20	20
Fluid Type		
Air/mist Fresh Water	0 5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of	15	
hazardous constituents	20	5
Drill Cuttings		
Normal Rock Salt or detrimental	0 10	0
	10	0
Annual Precipitation (inches) <10	0	
10 to 20	5	
>20	10	0
Affected Populations <10	0	
10 to 30	6	
30 to 50 >50	8 10	0
Presence of Nearby Utility	-	
Conduits		
Not Present Unknown	0 10	
Present	15	0

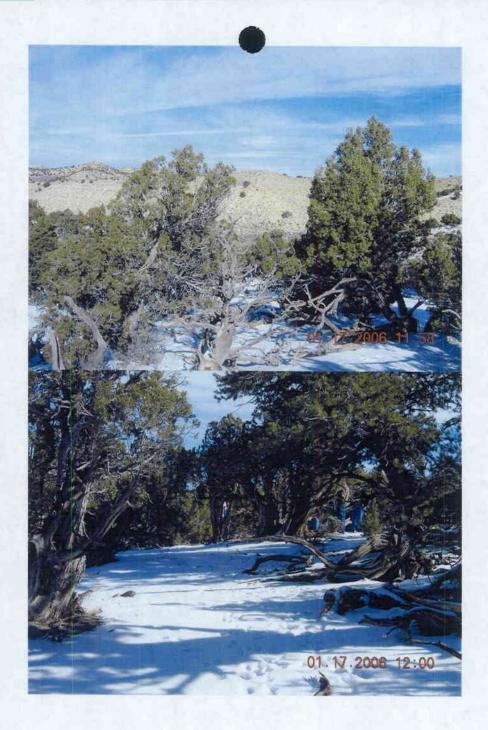
Final Score 25 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

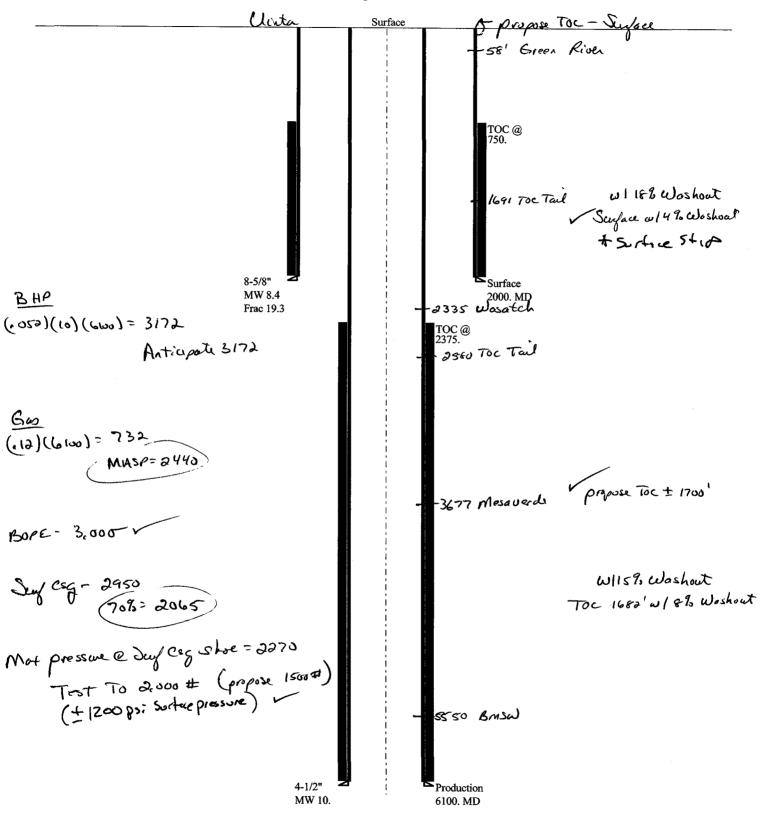
Sensitivity Level III = below 15; no specific lining is required.





1-06 Enduring Rainbow 11-2-13-26

Casing Schematic





Well name:

01-06 Enduring Rainbow 11-24-13-26

Operator:

Enduring Resources, LLC

String type:

Surface

Project ID:

43-047-37566

Location:

Uintah County

Minimum	design factors:	Environment:

Collapse Collapse: Mud weight:

8.400 ppg Design is based on evacuated pipe.

Design factor 1.125

H2S considered?

Surface temperature:

65 °F 93 °F

No

Bottom hole temperature: Temperature gradient:

Non-directional string.

1.40 °F/100ft

Minimum section length:

250 ft

Burst:

Design factor

1.00

1.50 (J)

1,748 ft

Cement top:

750 ft

Burst

Max anticipated surface

pressure:

Design parameters:

1,760 psi

Internal gradient: Calculated BHP

No backup mud specified.

0.120 psi/ft 2,000 psi

Tension:

8 Round STC:

1.80 (J) 1.80 (J) 8 Round LTC: **Buttress:** 1.60 (J)

Premium:

Neutral point:

Body yield: 1.50 (B) Tension is based on buoyed weight. Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

6,100 ft 10.000 ppg 3,169 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure

2,000 ft 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	8.625	24.00	J-55	ST&C	2000	2000	7.972	96.3
Run Seq	Collapse Load (psi)	Collapse Strength	Collapse Design Factor	Burst Load	Burst Strength	Burst Design	Tension Load	Tension Strength	Tension Design
1	(psi) 873	(psi) 1370	1.570	(psi) 2000	(psi) 2950	Factor 1.48	(Kips) 42	(Kips) 244	Factor 5.82 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 810-359-3940

Date: January 24,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

01-06 Enduring Rainbow 11-24-13-26

Operator:

Enduring Resources, LLC

String type:

Production

Project ID:

43-047-37566

Location:

Uintah County

Minimum design factors: **Environment:**

Collapse

Design parameters:

Mud weight: Design is based on evacuated pipe.

Collapse: 10.000 ppg Design factor

1.125

H2S considered?

No Surface temperature:

65 °F Bottom hole temperature: 150 °F Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

1.80 (J)

Cement top:

2,375 ft

Burst

Max anticipated surface

No backup mud specified.

pressure:

2,437 psi

Internal gradient: Calculated BHP

0.120 psi/ft 3,169 psi

Tension:

8 Round STC:

8 Round LTC: 1.80 (J) **Buttress:** 1.60 (J) 1.50 (J)

Premium: Body yield:

1.50 (B)

Tension is based on buoyed weight. Neutral point: 5,188 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6100	4.5	11.60	N-80	LT&C	6100	6100	3.875	141.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3169	6350	2.004	3169	7780	2.46	60	223	3.71 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280

FAX: 810-359-3940

Date: January 24,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6100 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

January 30, 2006

Enduring Resources, LLC 475 17th St., Ste 1500 Denver, CO 80202

Re: Rainbow 11-24-13-26 Well, 1793' FSL, 697' FWL, NW SW, Sec. 26, T. 11 South, R. 24 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37566.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Operator:	Enduring Resources, LLC				
Well Name & Number	& Number Rainbow 11-24-13-26				
API Number:	43-047-37566				
Lease:	Fee				
Location: <u>NW SW</u>	Sec. 26	T. 11 South	R. 24 East		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2 43-047-37566 January 30, 2006

- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. Surface casing shall be cemented to the surface.

RM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

PARTER PROPERTY.
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	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS AND MIN		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	w wells, significantly deepen existing wells below curnerals. Use APPLICATION FOR PERMIT TO DRILL fo	ent bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME: n/a
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER: Rainbow 11-24-13-26
2. NAME OF OPERATOR:			9. API NUMBER: 4304737566
Enduring Resources, LLC 3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500	Denver STATE CO ZIP	PHONE NUMBER: (303) 350-5719	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1793' F QTR/QTR, SECTION, TOWNSHIP, RANGE	SL - 697' FWL SE, MERIDIAN: NWSW 26 11S 2	4E S	COUNTY: Uintah STATE: UTAH
11. CHECK APPR	OPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	✓ other: Request for APD Extension
		pertinent details including dates, depths, volun	nes, etc.
Enduring Resources, I FROM: 1/30/ TO: 1/30/	2007	Approved by Utah Divisio Oil, Gas and M	the n of
	12-21-06	Date: 12-20 By:	950
Evette Bis	ssett	TITLE Regulatory Con	npliance Assistant
NAME (PLEASE PRINT)	Bresitt	DATE 12/13/2006	

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Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API:	4304737566	14		
well Nan Location	ne: Rainbow 11-24-13-2	zo VL, NWSW, Sec 26, T11S	-R24E	
Compan	y Permit Issued to:			
Date Ori	ginal Permit Issued:	1/30/2006		
The unde	ersigned as owner with ereby verifies that the	n legal rights to drill o information as subm	on the property as permitte litted in the previously s not require revision.	ed
Following verified.	g is a checklist of som	e items related to the	e application, which should	<u>l be</u>
If located agreeme	l on private land, has t nt been updated? Yes	the ownership chang s □ No □	ed, if so, has the surface	
Have any the spac	y wells been drilled in ing or siting requireme	the vicinity of the proents for this location?	pposed well which would a Yes⊡No⊠	iffect
Has ther permittin	e been any unit or oth g or operation of this p	er agreements put in proposed well? YesE	n place that could affect th ⊒No⊠	е
Have the	ere been any changes which could affect the	to the access route in proposed location?	including ownership, or rig Yes⊡No☑	jht-
Has the	approved source of w	ater for drilling chang	ged? Yes□No ☑	
which wi	ere been any physical Il require a change in on? Yes⊡No☑	changes to the surfa plans from what was	ace location or access rout discussed at the onsite	te
Is bondir	ng still in place, which	covers this proposed	d well? Yes⊠No□	
lu	ette Brasitt	-	12/13/2006	_
Signatu			Date	
Title: R	egulatory Compliance Assi	stant		
Represe	enting: Enduring Resour	ces, LLC		-n (5)
			A Second	The state of the s
			DEC	1 9 2006

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DIVISION OF C	DIL, GAS AND MININ	G		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY NOTICES A	AND REPORTS O	N WEI	ıs	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
CONDICT NOTICES P	MID INEL ORIGINA			n/a
Do not use this form for proposals to drill new wells, significantly de drill horizontal laterals. Use APPLICATIC	epen existing wells below current bo ON FOR PERMIT TO DRILL form fo	ottom-hole dep	th, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME: n/a
1. TYPE OF WELL OIL WELL GAS WE				8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:			· · · · · · · · · · · · · · · · · · ·	Rainbow 11-24-13-26 9. API NUMBER:
Enduring Resources, LLC				4304737566
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CHTY Denver	STATE CO ZIP 802	202	PHONE NUMBER: (303) 350-5719	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL	STATE O ZIPOOL		(000) 000 0. 10	
FOOTAGES AT SURFACE: 1793' FSL - 697' FWL				соилту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWS	SW 26 11S 24F	S		STATE:
and any of the state of the sta				UTAH
11. CHECK APPROPRIATE BO.	XES TO INDICATE N	IATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION	
NOTICE OF INTENT		DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING		FRACTURE		SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAI		NEW CONS		TEMPORARILY ABANDON
	REVIOUS PLANS	OPERATOR		TUBING REPAIR
CHANGE TUBIN		PLUG AND		VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL (Submit Original Form Only)	_	PLUG BACK	white the state of	WATER DISPOSAL
Date of work completion:			ON (START/RESUME)	WATER SHUT-OFF
	RODUCING FORMATIONS	· 	ION OF WELL SITE	✓ other: Request for APD Extension
CONVERT WEL	L TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERAT	IONS. Clearly show all pertine	ent details ind	cluding dates, depths, volume	es, etc.
Enduring Resources, LLC respectfully	v request an extensio	n to the e	expiration date of this	Application for Permit to Drill
	,		•	
FROM: 12/20/2007	A	wod by	tha	
TO: 12/20/2008	Appro	oved by Divisio	n of	
	Oil, Gas	bivision	Minina	
	On, Cla	s and iv	9	
			. •	
	Date: 12	-20)-9- 1	
COPY SENI TO CHEMICS	Z			
Date: (2-74-2067	By:	addy	ANN TO THE REAL PROPERTY OF THE PERTY OF THE	
Initials:				
			10	
Alvin P (Al) Arlina			_ Landman - Regul	atony Specialist
NAME (PLEASE PRINT) Alvin R. (AI) Arlian		TITL		atory Specialist
SIGNATURE		DAT	12/14/2007	
This space for State use only)				

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Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: Rainbow 11-24-13-26 Location: 1793' FSL - 697' FWL, NWSW, Sec 26, T11S-R24E Company Permit Issued to: Enduring Resources, LLC Date Original Permit Issued: 1/30/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □No □
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
12/14/2007
Signature Date
Title: Landman - Regulatory Specialist
Representing: Enduring Resources, LLC

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DEC 2 U 2007



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

January 5, 2009

Al Arlian **Enduring Resources LLC** 475 17TH Street, Ste. 1500 Denver, CO 80202

Re:

APD Rescinded – Rainbow 11-24-13-26, Sec. 26, T. 11S, R. 24E

Uintah County, Utah API No. 43-047-37566

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on January 30, 2006. On December 20, 2006 and December 20, 2007, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 20, 2008.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Environmental Scientist

cc: Well File

Brad Hill, Technical Service Manager

